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(71) Applicant: PRAXAIR TECHNOLOGY, INC.
39 Old Ridgebury Road
Danbury, CT 06810-5113(US)

(72) Inventor: Hanson, Thomas Craig
228 Fayette Avenue
Buffalo, New York 14223(US)

(74) Representative: Schwan, Gerhard, Dipl.-Ing.
Elfenstrasse 32
D-81739 München (DE)

(54) Statistical process control for air separation process.

(57) Statistical process control system for an air-separation plant using off-line and on-line computer means to define control chart limits, trend thresholds

and dynamic models for use with on-line process variable data for determination of statistical process control.

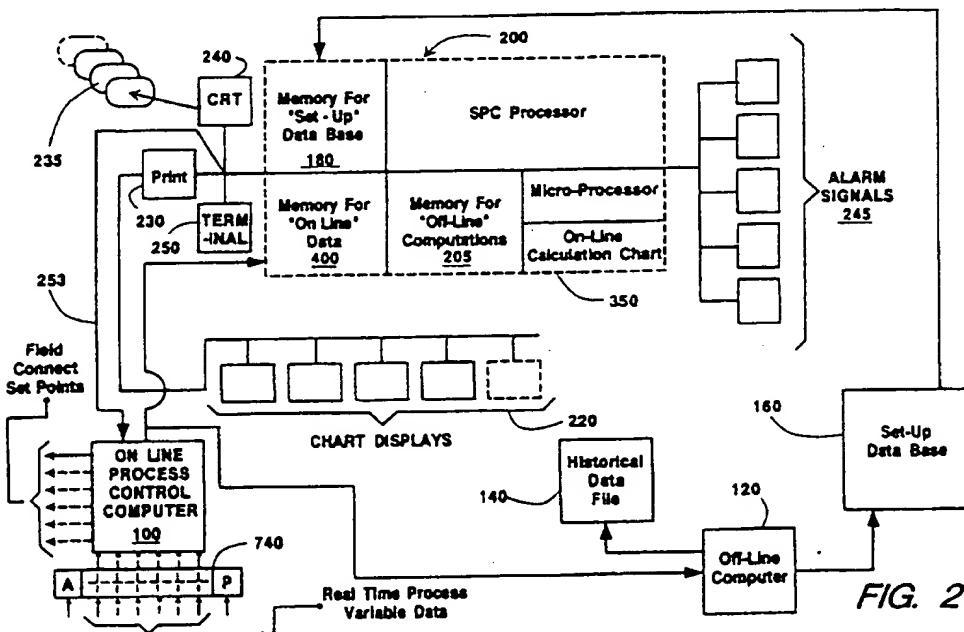


FIG. 2



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EUROPEAN SEARCH REPORT

Application Number

EP 92 10 6016

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)		
Category	Citation of document with indication, where appropriate, of relevant passages				
A	ADVANCES IN INSTRUMENTATION vol. 43, 1988, RESEARCH TRIANGLE PARK US pages 305 - 330 G. L. STEPHENS 'On-line distributed control system tools for statistical process control (SPC)' * the whole document * ---	1-3, 9, 12	G06F15/46 G05B15/00 F25J3/00 G05B21/02 F25J3/04		
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A	ISA TRANSACTIONS vol. 30, no. 1, 1991, RESEARCH TRIANGLE PARK NC US pages 24 - 34 P. C. BADAVAS ET AL. 'Statistical process control embedded in open industrial systems' * the whole document * ---	1			
A	MANUFACTURING REVIEW vol. 4, no. 1, March 1991, NEW YORK US pages 18 - 32 Y. P. GUPTA ET AL. 'Controlling the production process through statistical process control' * the whole document * -----	1	<table border="1"> <tr> <td>TECHNICAL FIELDS SEARCHED (Int. Cl.5)</td> </tr> <tr> <td>G05B F25J G06F</td> </tr> </table>	TECHNICAL FIELDS SEARCHED (Int. Cl.5)	G05B F25J G06F
TECHNICAL FIELDS SEARCHED (Int. Cl.5)					
G05B F25J G06F					
The present search report has been drawn up for all claims					
Place of search	Date of compilation of the search	Examiner			
BERLIN	25 NOVEMBER 1993	MASCHE C.			
CATEGORY OF CITED DOCUMENTS					
X : particularly relevant if taken alone	T : theory or principle underlying the invention				
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